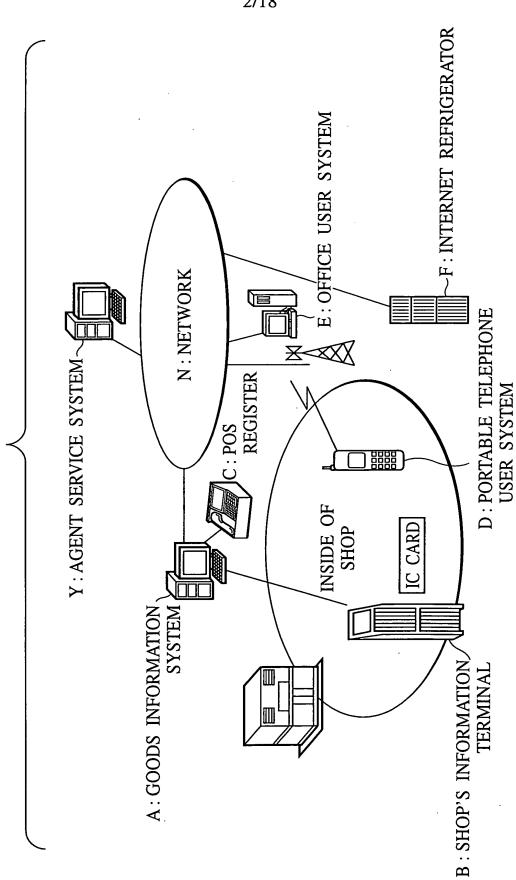
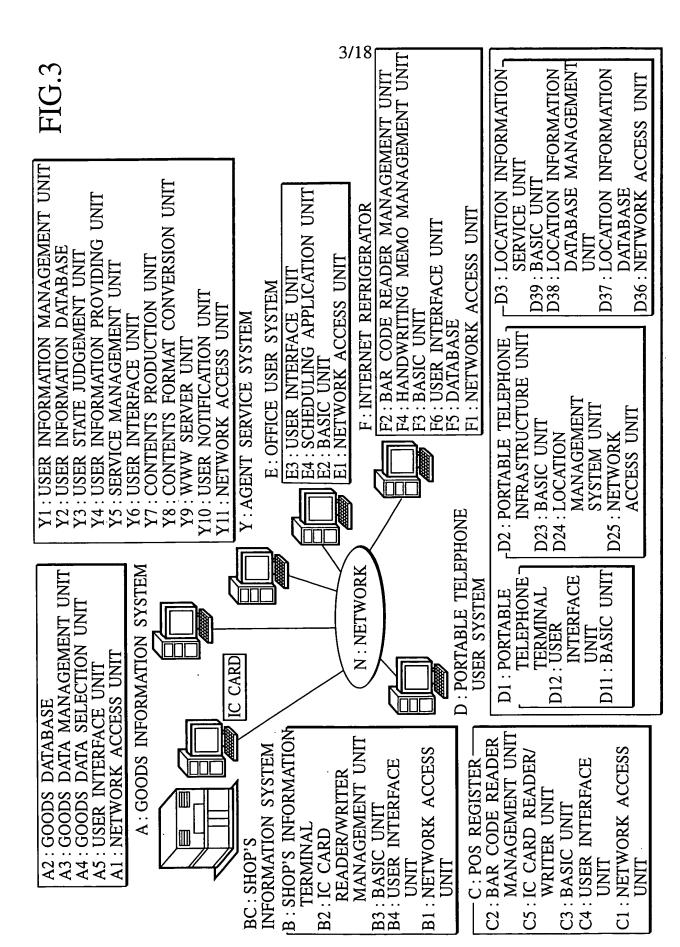


TOME THE TRANSPORT

1/18				
EXEMPLARY INFORMATION TO BE EXCHANGED	USER'S SCHEDULE INFORMATION SHOPPING MEMO INFORMATION ELECTRONIC IMAGE DATA	SHOPPING MEMO INFORMATION REFRIGERATOR STOCK INFORMATION ELECTRONIC IMAGE DATA	WWW BROWSER SPEECH COMMUNICATIONS SHOPPING MEMO INFORMATION E-MAIL RECOMMENDED GOODS INFORMATION	CUSTOMER INFORMATION SHOPPING MEMO INFORMATION RECOMMENDED GOODS INFORMATION ELECTRONIC IMAGE DATA GOODS PURCHASE LOG INFORMATION
INTERFACE	WWW BROWSER SCHEDULER SOFTWARE MESSAGING SOFTWARE E-MAIL DEDICATED SOFTWARE	WWW BROWSER MESSAGING SOFTWARE E-MAIL DEDICATED SOFTWARE	WWW BROWSER SPEECH COMMUNICATIONS E-MAIL	WWW BROWSER DEDICATED SOFTWARE MESSAGING SOFTWARE
PHYSICAL TERMINAL	PC	INFORMATION ELECTRONIC APPLIANCE (INTERNET (REFRIGERATOR)	PORTABLE TELEPHONE	SHOP'S INFORMATION WWW BROWSER TERMINAL DEDICATED SOF MESSAGING SOF
ENVIRONMENT TERMINAL	OFFICE	НОМЕ	MOBILE	SHOP





LIND

Y AGENT SERVICE SYSTEM

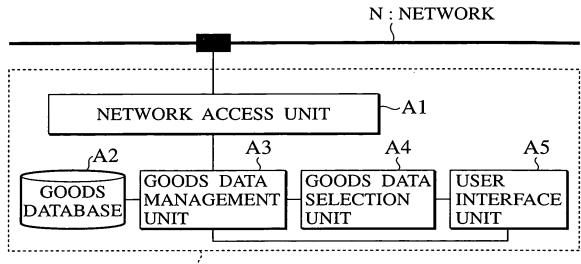
4/18 CONVENIENCE LOCATION INFORMATION "VICINITY OF INFRASTRUCTURE STORE" SERVICE UNIT INFORMATION LOCATION TELEPHONE **PORTABLE** D2 D3 SERVER WWW UNIT Y11 NETWORK ACCESS UNIT NOTIFICATION CONVERSION CONTENTS FORMAT USER **PRODUCTION** UNIT CONTENTS IINO **X**8 Y7UNIT USER STATE N: NETWORK JUDGEMENT UNIT **NFORMATION PROVIDING MANAGEMENT** INFORMATION USER UNIT **Y**4 USER UNIT INTERFACE USER UNIT **MANAGEMENT NFORMATION Y**5 DATABASE USER SERVICE $\sim 9 \text{ Å}$ UNIT

FIG.4

OBLON, SPIVAK, ET AL DOCKET #: 211371US2RD INV: Masanori HATTORI, et al SHEET <u>5</u> OF <u>18</u>

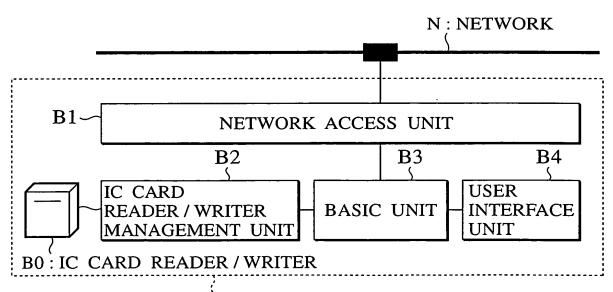
5/18

FIG.5



A: GOODS INFORMATION SYSTEM

FIG.6



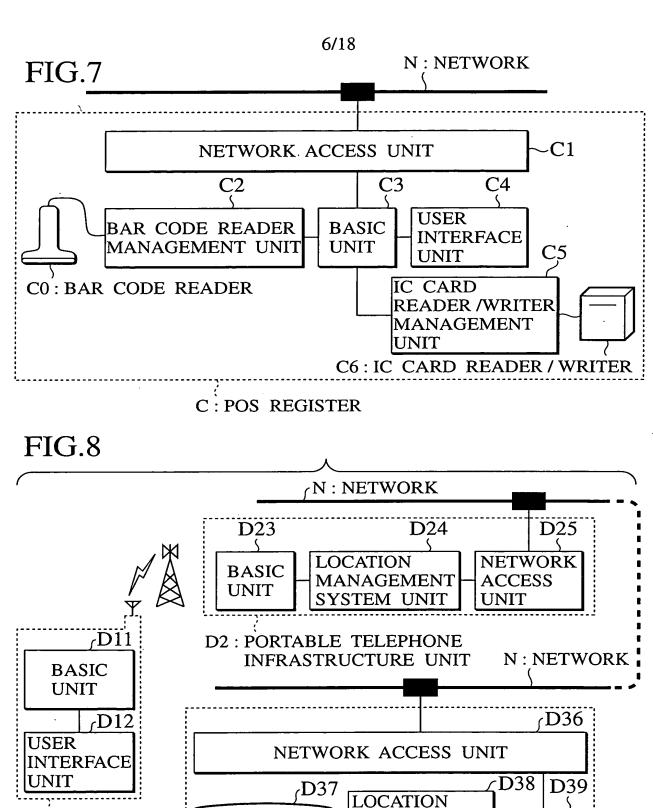
B: SHOP'S INFORMATION TERMINAL

D1: PORTABLE

TELEPHONE

TERMINAL





D3: LOCATION INFORMATION SERVICE UNIT

LOCATION

INFORMATION

DATABASE

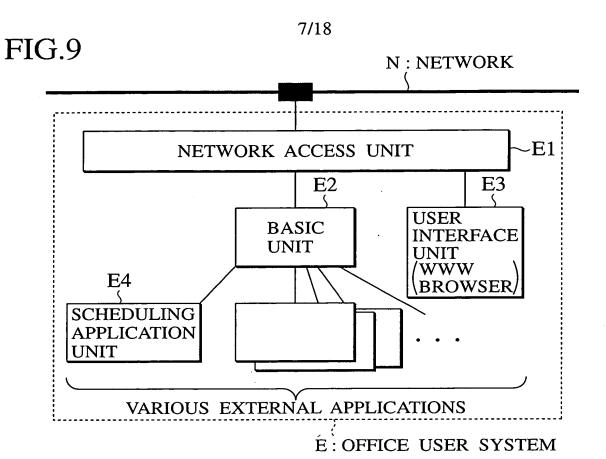
INFORMATION

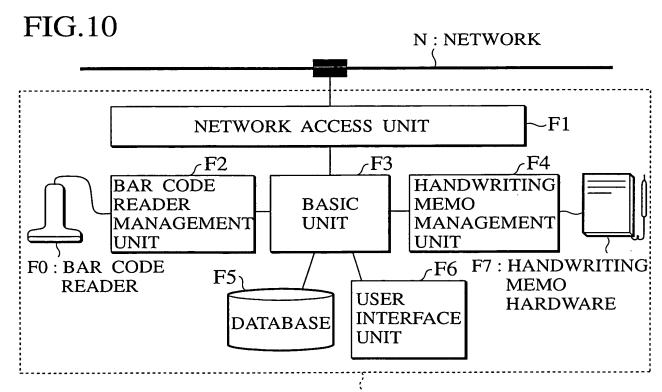
MANAGEMENT

DATABASE

BASIC

UNIT





F: INTERNET REFRIGERATOR

PIG.11

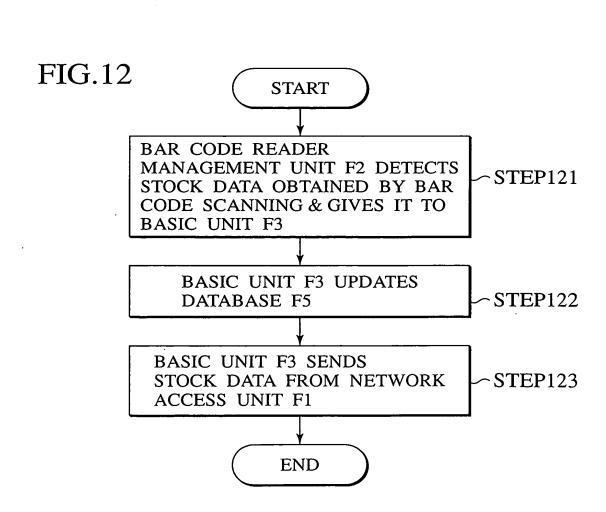
START

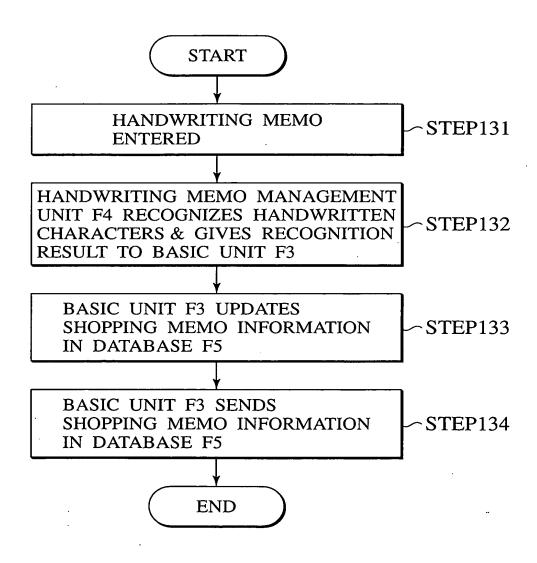
NETWORK ACCESS UNIT Y11
ACQUIRES USER INFORMATION

USER INFORMATION
MANAGEMENT UNIT Y1 UPDATES
DATA OF USER INFORMATION
DATABASE Y2 ACCORDING TO
ACQUIRED USER INFORMATION

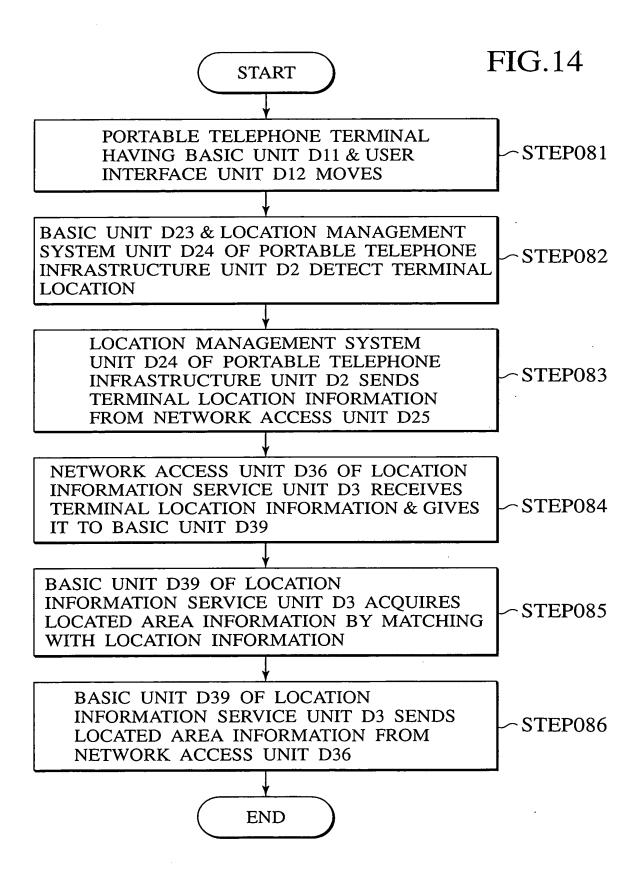
END

END





THURST SERVE TO SERVE THE SERVE THE



OBLON, SPIVAK, ET AL DOCKET #: 211371US2RD INV: Masanori HATTORI, et al SHEET 11 OF 18

FIG.15

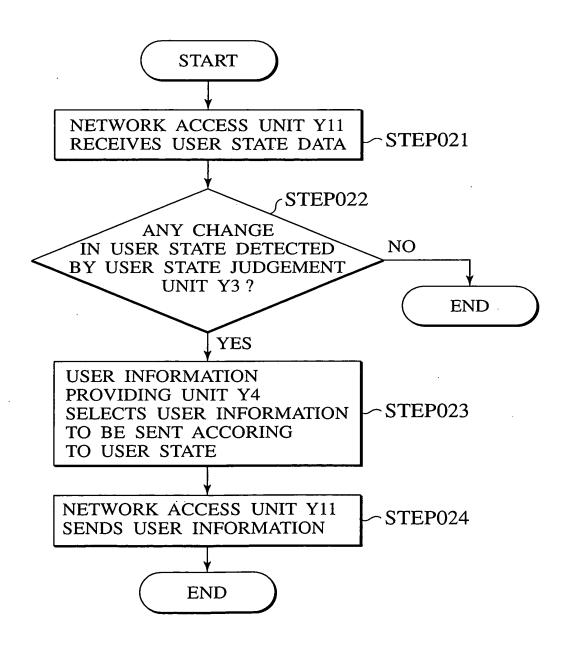
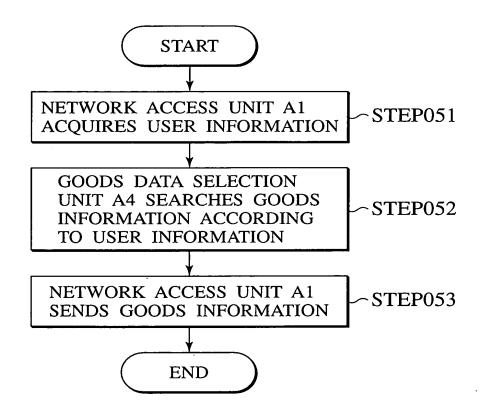
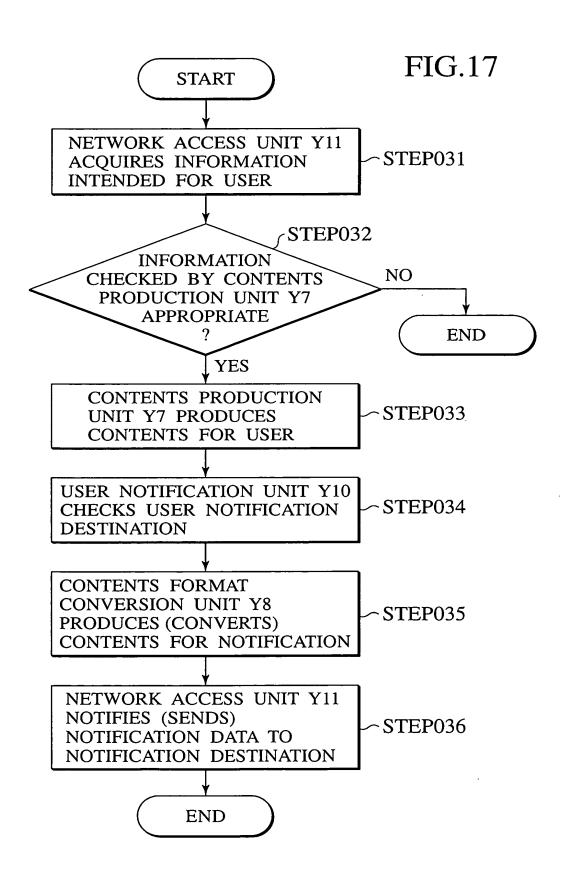


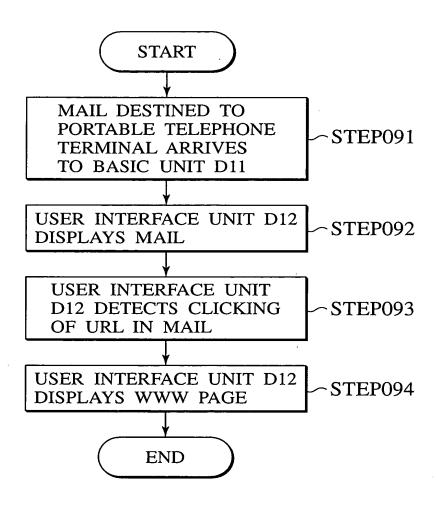
FIG.16





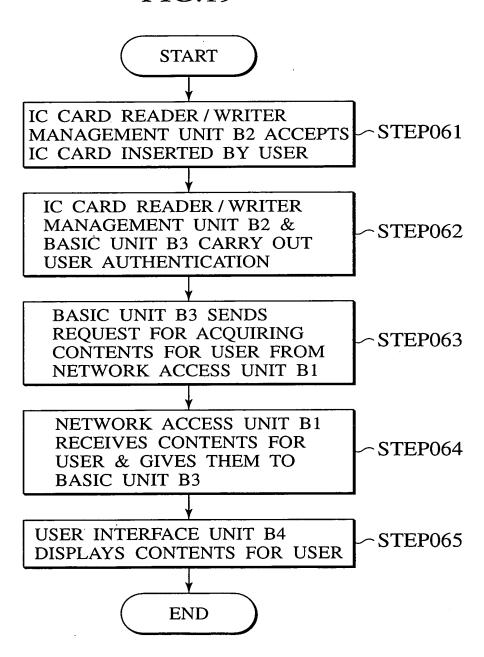
OBLON, SPIVAK, ET AL DOCKET #: 211371US2RD INV: Masanori HATTORI, et al SHEET 14 OF 18

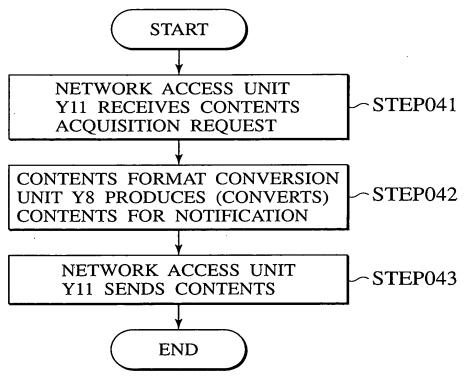
14/18



OBLON, SPIVAK, ET AL DOCKET #: 211371US2RD INV: Masanori HATTORI, et al SHEET 15 OF 18

15/18

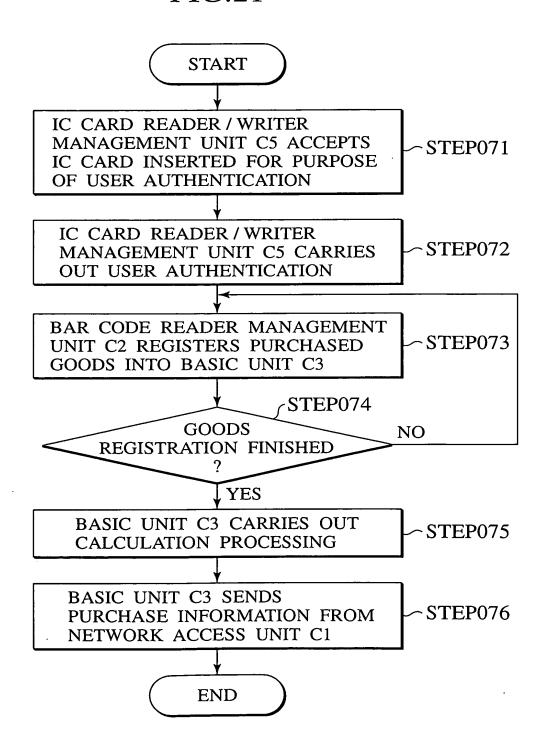




robran zonom

OBLON, SPIVAK, ET AL DOCKET #: 211371US2RD INV: Masanori HATTORI, et al SHEET <u>17</u> OF <u>18</u>

17/18



OBLON, SPIVAK, ET AL DOCKET #: 211371US2RD INV: Masanori HATTORI, et al SHEET 18 OF 18

18/18

FIG.22

